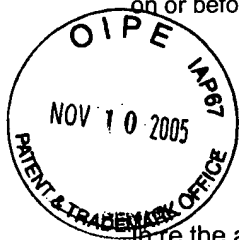
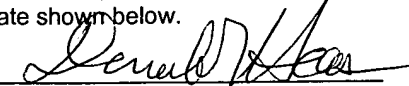


I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on or before the date shown below.



  
Donald F. Haas  
Date: November 8, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the accompanying application of )

ERIC J. M. DE BOER, )  
MARIJKE DE BOER-WILDSCHUT, )  
HARRY VAN DER HEIJDEN, and )  
ARIE VAN ZON )

Serial No. 10/668,592 )

Group Art Unit: 1713

Filed September 23, 2003 )

Examiner: Rober D. Harlan

CATALYST SYSTEMS FOR ETHYLENE )  
OLIGOMERISATION TO LINEAR ALPHA )  
OLEFINS )

November 8, 2005

COMMISSIONER FOR PATENTS  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR 1.56 AND 1.97

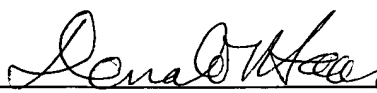
It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Full text copies of the relevant documents are enclosed.

SU 418462 describes the use of nickel palmitate in addition to trialkyl aluminum to catalyze the copolymerization of ethylene and propylene to give increased yields of Fuller-6C alpha olefins.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

Respectfully submitted,

ERIC J. M. DE BOER,  
MARIJKE DE BOER-WILDSCHUT,  
HARRY VAN DER HEIJDEN, and  
ARIE VAN ZON

By   
Attorney, Donald F. Haas  
Registration No. 26,177  
(713) 241-3356

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
TS1266 (US)APPLICATION NUMBER  
10/668,592LIST OF INFORMATION PROVIDED  
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NOV 10 2005

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E. J. M. De Boer et al.FILING DATE  
September 23, 2003GROUP ART UNIT  
1713

## REFERENCE DESIGNATION

## PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	5,318,935	6/7/94	Canich et al.	502	117	
	AB	5,726,115	3/10/98	Horton et al.	502	152	
	AC	2003/0125195	7/3/03	Britovsek et al.	502	117	
	AD	6,545,108	4/8/03	Moody et al.	526	161	
	AE	6,559,091	5/6/03	Moody et al.	502	167	
	AF	2003/0195110	10/16/03	Moody et al.	502	150	
	AG	2003/0225228	12/4/03	Moody et al.	526	172	
	AH	6,214,761	4/10/01	Bennett	502	117	
	AI	2001/0000519	4/26/01	Bennett	526	329	
	AJ	2002/0013431	1/31/02	Bennett	526	90	
	AK	6,417,305	7/9/02	Bennett	526	161	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	0,308,728	3/29/89	Europe (English Abstract)	F22B	29/12		X
	AM	418462	9/16/74	Russia (English Abstract)				X
	AN	99/62967	12/9/99	World	C08F	10/00		
	AO	1,125,987	8/22/01	Europe	C09B	23/02		

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	Paul E. Figgins et al., "Complexes of Iron (II), Cobalt (II) and Nickel (II) with Biacetyl-bis-methylimine, 2-Pyridinal-methylimine and 2,6-Pyridindial-bis-methylimine," J. Am. Chem. Soc. (1960) Vol. 82, pp. 820-824
	AS	Francis Lions et al., "Tridentate Chelate Compounds. I," J. Am. Chem. Soc. (1957), Vol. 79, pp. 2733-2738

EXAMINER

DATE CONSIDERED

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REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	BA	6,423,848	7/23/02	Bennett	546	329	
	BB	6,432,862	8/13/02	Bennett	502	117	
	BC	6,103,946	8/15/00	Brookhart, III et al.	585	523	
	BD	6,489,497	12/3/02	Brookhart, III et al.	556	138	
	BE	2003/0036615	2/20/03	Brookhart, III et al.	526	161	
	BF	2003/0050494	3/13/03	Brookhart, III et al.	556	138	
	BG	6,740,715	5/25/04	Brookhart, III et al.	526	161	
	BH	6,232,259	5/15/01	Iltel et al.	502	155	
	BI	2001/0016634	8/23/01	Iltel et al.	526	172	
	BJ	6,310,153	10/30/01	Iltel et al.	526	172	
	BK	2002/0019575	2/14/02	Schiffino	585	520	

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
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	BM	0,927,201 B1	4/14/04	Europe	C08F	4/642		
	BN	04325504	11/13/92	Japan (English Abstract)	c08f	010/00		X
	BL							

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	BR	"Novel, Highly Active Iron and Cobalt Catalysts for Olefin Polymerization," by Allison M. A. Bennett, Chemtech, July 1999, pp. 24-28
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## FOREIGN SEARCH REPORT (IF IN ENGLISH) CITING ANY OF THE ABOVE REFERENCES

## FOREIGN PATENT OFFICE

	BT	International Preliminary Examination Report on Patentability for PCT/US2004/051365 of 29 August 2005
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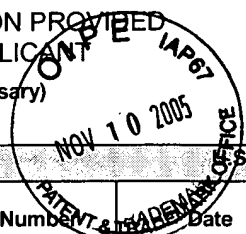
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E. J. M. De Boer et al.FILING DATE  
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## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	CA	6,555,723	4/29/03	Schiffino	585	521	
	CB	2002/0016521	2/7/02	Culver et al.	585	527	
	CC	6,534,691	3/18/03	Culver et al.	585	527	
	CD	6,677,267	1/13/04	Berardi et al.	502	155	
	CE	6,548,672	4/15/03	Gibson et al.	546	12	
	CF	6,461,994	10/8/02	Gibson et al.	502	155	
	CG	6,683,141	1/27/04	Gibson et al.	526	161	
	CH	2002/0016425	2/7/02	De Boer et al.	526	172	
	CI	2003/0144514	7/31/03	De Boer et al.	546	12	
	CJ	2003/0045752	3/6/03	De Boer et al.	562	545	
	CK	2002/0128409	9/12/02	De Boer et al.	526	172	

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	CL							
	CM							
	CN							
	CO							

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	CR	"Polymerization of Propylene by a New Generation of Iron Catalysts: Mechanisms of Chain Initiation, Propagation, and Termination," by Brooke L. Small and Maurice Brookhart, Macromolecules, Vol. 32, No. 7, 1999, pp. 2120-2130
	CS	"Metal-Ion-Directed Synthesis of Homo- and Heteronuclear Dimetallic Schiff Base Podates," by W. Radecka-Paryzek, M. T. Kaczmarek, and E. Luks, Polish J. Chem., 75, (2001) pp. 35-42

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Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	DA	2003/0119921	6/26/03	De Boer et al.	518	715	
	DB	6,395,668	5/28/02	van Baar et al.	502	123	
	DC	6,559,252	5/6/03	Horton et al.	526	160	
	DD	2005/159601	7/21/05	De Boer et al.	546	2	
	DE	6,441,117	8/27/02	Cameron	526	352	
	DF	6,417,364	7/9/02	Lenges	546	12	
	DG	6,407,188	6/18/02	Guan et al.	526	113	
	DH	6,479,601	11/12/02	Kerns et al.	526	161	
	DI	6,465,386	10/15/02	Maddox et al.	502	155	
	DJ	6,462,155	10/8/02	Okuda	526	161	
	DK	6,458,905	10/1/02	Schmidt et al.	526	172	

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	DL							
	DM							

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	DR	"1,1-Diisocyanoferrocene and a Convenient Synthesis of Ferrocenylamine," by Daan van Leusen and Bart Hessen, Organometallics, 2001, pp. 224-226
	DS	
	DT	

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## REFERENCES DESIGNATION

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Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	EA	6,462,152	10/8/02	Berardi et al.	526	75	
	EB	6,461,994	10/8/02	Gibson et al.	502	155	
	EC	6,458,739	10/1/02	Kimberley et al.	502	155	
	ED	6,455,660	9/24/02	Clutton et al.	526	352	
	EE	2005/0014983	1/20/05	De Boer et al.	585	511	
	EF	5,955,555	9/21/99	Bennett	526	133	
	EG	6,063,881	5/16/00	Bennett	526	161	
	EH	2002/0035031	3/21/02	Berardi et al.	502	171	
	EJ	2002/0028941	3/7/02	De Boer et al.	546	167	
	EK	6,451,939	9/17/02	Britovsek et al.	526	161	

## FOREIGN PATENT DOCUMENTS

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	EM							
	EN							

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	ER	
	ES	
	ET	

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## U.S. PATENT DOCUMENTS

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	FA	6,472,341	10/29/02	Kimberley et al.	502	155	
	FB	6,414,098	7/2/02	Engehausen et al.	526	161	
	FC	4,728,583	3/1/88	Yamazaki et al.	428	690	
	FD	4,912,333	3/27/90	Roberts et al.	250	487.1	
	FE	4,944,026	7/24/90	Arakawa et al.	250	484.1	
	FF	5,151,604	9/29/92	Kohda et al.	250	484.1	
	FG	5,830,629	11/3/98	Vizard et al.	430	523	
	FH	5,888,647	3/30/99	Yamane	428	338	
	FI	5,905,014	5/18/99	Van de Bergh	430	139	
	FJ	6,521,329	2/18/03	Aylward et al.	428	212	
	FK	6,150,482	11/21/00	Brookhart et al.	526	161	

## FOREIGN PATENT DOCUMENTS

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	FO							
	FP							

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	FS	

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Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	GA	6,825,297	11/30/04	Devore et al.	526	172	
	GB	6,605,677	8/12/03	Lavoie et al.	526	161	
	GC	6,706,891	3/16/04	Ponasik	548	523	
	GD	6,838,540	1/4/05	Mitani et al.	526	348	
	GE	6,583,237	6/24/03	Imuta et al.	526	89	
	GF	6,265,500	6/24/01	Debras	526	65	
	GG	5,852,145	12/22/98	McLain et al.	526	133	
	GH	6,002,034	12/14/99	McLain et al.	556	34	
	GI	2005/0014983	1/20/05	De Boer et al.	585	511	
	GJ	Ser. No. 11/080,170	3/15/05	De Boer et al.			
	GK	2004/0116758	6/17/04	De Boer et al.	585	521	
	GL						

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		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	GM							
	GN							
	GO							

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	GS	

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